FIREWIRE CARD

3-Port IEEE 1394 FireWire CardBus
Notebook Card

CB1394

Instruction Guide

StarTech.com

The Professionals' Source For Hard-to-Find Computer Parts

FCC COMPLIANCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

Technical Support

The following technical resources are available for this StarTech.com product:

On-line help:

We are constantly adding new information to the *Tech Support* section of our web site. To access this page, click the *Tech support* link on our homepage, **www.startech.com**. In the tech support section there are a number of options that can provide assistance with this card.

Knowledge Base - This tool allows you to search for answers to common issues using key words that describe the product and your issue.

FAQ - This tool provides quick answers to the top questions asked by our customers.

Downloads - This selection takes you to our driver download page where you can find the latest drivers for this product.

Call StarTech.com tech support for help: **1-519-455-4931**
Support hours: Monday to Friday 9:00AM to 5:00PM EST (except holidays)

Warranty Information

This product is backed by a lifetime warranty. In addition StarTech.com warrants its products against defects in materials and workmanship for the periods noted below, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

Limitation of Liability

In no event shall the liability to StarTech.com Ltd. (or its officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of related to the use of the product exceed the actual price paid for the product.

Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

Table of Contents

Introduction

Thank you for purchasing a StarTech.com FireWire CardBus notebook card. Now you can instantly link FireWire and i.Link devices like digital camcorders, portable drives, scanners, and printers to your notebook computer. With your FireWire CardBus notebook card, you also receive Ulead VideoStudio 4.0 SE digital editing software so you can edit your home movie masterpieces with ease.

Features

- Allows super-fast 400 Mbps data transfer rate

- Connects or disconnects devices without turning off the notebook through hot Plug and Play feature

- Uses dongle-less design to avoid accidental interrupts

- Compatible with most digital video camcorders including Sony, Canon, Panasonic, JVC, Samsung, and many others

- Supports hard disk drives, DVD drives, CD-R/RW drives, printers, etc.

- Backed by StarTech.com's lifetime warranty

Before You Begin

To ensure a quick and easy FireWire CardBus notebook card installation, please read through this section carefully before attempting to install the card.

System Requirements

- An IBM-PC compatible Pentium II Class notebook computer

- One open CardBus slot

- One of the following operating systems: Windows 98SE/Me/2000/XP

Contents

This package should contain:

- 1 x CB1394 card

- 1 x 5 ft. 4-6 pin IEEE 1394 FireWire cable

- 1 x Ulead VideoStudio 4.0 SE editing software

6. Enter your user information (the serial number is found on the stickers that come with the CD) and click **Next**.

7. Choose your destination location and click **Next**.

8. Make sure the both the NetShow and Quick Time components are selected to be installed and click **Next**.

9. Enter a name for your program folder and click **Next**.

You will now be asked if you would like your system to detect the DV drivers installed for you. If you choose Yes, make sure that your camera is plugged in to your notebook, turned on, and set to playback (usually VCR or VTR) mode.

Once completed, you will be given a review of your settings and then the installation process will begin. NetShow and Quick Time will also be installed during this time.

Using VideoStudio for the First Time

1. Make sure that your camcorder is turned on, plugged in to your CardBus notebook card, and set to playback mode (usually VCR or VTR).

2. Run Ulead VideoStudio.

3. Click on the **(G) Global Options**.

4. Select **Change Capture Plug-in** and select the appropriate DV Capture Plug-in (this will vary depending on your hardware): Ulead DirectShow Capture Plug-in or Adaptec Capture Plug-in. If you have changed to a new plug-in, please restart VideoStudio.

5. Click on **(G) Global Options** again and click **Select Device Control**.

6. In the Device Control dialog box, click the **Current device** list.

7. Select your device. This will vary depending on your hardware: MS 1394 Device Control, TI 1394 Device Control, or Adaptec 1394 Device Control.

Windows 2000

Windows 2000 will automatically locate and install the required drivers.

Windows XP

1. At the Add New Hardware Wizard window, click **Next**.

2. Select "Search for the best driver for your devices (Recommended)" and click **Next**.

3. Select "Specify the location", type in "C:" and click **Next**.

4. Click **Next** then **Finish**.

5. Remove the diskette and select Yes to restart your computer.

Installation Confirmation

Use the following procedure to ensure that your FireWire card has been installed correctly.

1. From **Control Panel**, double-click on **System**.

2. Click **Device Manager**.

3. Double-click **1706 Bus Controller**.

4. If the device is installed properly, you should see "OHCI Compliant IEEE1394 Host Controller" listed with no red or yellow symbol beside it.

Installing Your VideoStudio Software

For detailed instructions on the installation and use of the digital editing software, consult the Ulead VideoStudio manual available on the CD. From the VideoStudio CD setup screen click **Browse CD**, then click on the **Document** folder, then the **Manual** folder and select your language (Note: To view the manual, you will need Adobe Acrobat Reader, which you can install by clicking on AcrobatReader in the Document folder). StarTech.com recommends carefully reading the instructions supplied by Ulead before attempting to install or use the software.

1. Insert the Video Studio CD into your notebook's CD drive. The setup screen should appear automatically. If the screen does not appear, run the CD manually by double-clicking on **My Computer** then double-clicking the CD icon.

2. Click on **Install Ulead VideoStudio 4.0**.

3. Select your language and click **OK**.

4. Click **Next**.

5. Read over the License Agreement and click **Yes**.

Installation

This section will guide you through the installation of your FireWire CardBus notebook card and Ulead VideoStudio 4.0 SE CD. Please read through the instructions carefully and complete each step in the order listed.

Installing the Card

1. Make sure your notebook is turned off.

2. Locate an empty CardBus slot on your notebook computer (usually located on the side).

3. Remove the clear plastic protective film from the back of your notebook card (if applicable).

4. Gently insert the FireWire CardBus notebook card into the slot until it is well seated.

Installing the Drivers

Once you have connected your FireWire card, the next time you turn on your computer your notebook will automatically detect that you have installed new hardware. Follow the instructions below to properly install the required software drivers.

Windows 98SE

1. Windows should automatically detect the new hardware. At the Add New Hardware Wizard window, click **Next**.

2. Select "Search for the best driver for your devices (Recommended)" and click **Next**.

3. Insert the Windows 98SE CD-ROM and check the "CD-ROM" option. Click **Next**.

4. Choose "The Updated Driver (Recommended)" and click **Next**.

5. Click **Next** again. If prompted for the Windows CD again, type "d:\win98" and click **OK**.

6. Click **Next**, then **Finish** to complete the driver installation.

Windows Me

1. Windows should automatically detect the new hardware. At the Add New Hardware Wizard window, click **Next**.

2. Select "Search for the best driver for your devices (Recommended)" and click **Next**.

3. Insert your Windows Me CD into your notebook's CD drive. Select "CD-ROM drivers" and click **Next**.

4. Click **Finish**.

5. Remove the CD and select **Yes** to restart your computer.